

In the Claims:

1. Cancel

2. (Currently Amended) A water jacket for a cylinder head, comprising:
a coolant flow channel formed between a coolant inlet and a coolant outlet for
allowing the coolant to flow in said cylinder head;
coolant flow regulation parts provided in said coolant flow channel for
accomplishing smooth flow of the coolant between exhaust ports corresponding to respective
combustion chambers; and
a coolant flow distribution part provided in said coolant flow channel for uniformly
distributing flow of the coolant between said exhaust ports corresponding to the respective
combustion chambers The water jacket as set forth in claim 1, wherein said coolant flow
channel comprises:

upper coolant flow channels formed above said exhaust ports in said cylinder head;

lower coolant flow channels formed below said exhaust ports in said cylinder head;

and

intermediate coolant flow channels formed between said exhaust ports for connecting
said upper coolant flow channels and said lower coolant flow channels, respectively.

3. (Original) The water jacket as set forth in claim 2, wherein said coolant flow
regulation parts are first section-reduction parts formed at the upstream areas of said lower
coolant flow channels from the connection between said lower coolant flow channels and
said intermediate coolant flow channels, respectively, for reducing the flow section of the
coolant.

4. (Original) The water jacket as set forth in claim 3, wherein said coolant flow
regulation parts are formed in said water jacket corresponding to the respective combustion
chambers.

5. (Original) The water jacket as set forth in claim 2, wherein said coolant flow
distribution part is a second section-reduction part formed at the downstream area of one of
said upper coolant flow channels from the connection between said upper coolant flow

channel and said corresponding intermediate coolant flow channel for reducing the flow section of the coolant.

6. (Original) The water jacket as set forth in claim 5, wherein said coolant flow distribution part is formed at said upper coolant flow channel closest to said coolant inlet.